

WHAT IS CLAIMED IS:

1. A network system, having human sensors, which transfers data from a first device to second devices by way of a server device,

5 the server device comprising:

 a positional information storage unit which stores positional information representing correspondence between the human sensors and the second devices;

 a transfer destination selecting unit configured
10 to select one of the second devices as a destination device to which the data transmitted from the first device should be sent, based on sensing information from the human sensors and the positional information stored in the positional information storage unit; and

15 a data transfer unit configured to transfer data from the first device to the one of the second devices which is selected by the transfer designation selecting unit.

2. The network system according to claim 1,
20 wherein the first device is a doorphone having a camera and a microphone, and data on an image photographed by the camera and data on voice entered from the microphone are transmitted to the server device.

3. The network system according to claim 1,
25 wherein the human sensors are installed in different rooms respectively.

4. The network system according to claim 1,

wherein, when a plurality of human sensors sense humans, the transfer destination selecting unit of the server device selects all of the second devices which the positional information associates with the plurality of human sensors as destination devices to which the data transmitted from the first device should be sent.

5 5. The network system according to claim 1, wherein the second devices comprising an environment setting unit configured to determine whether or not a power supply should be automatically turned on, when the data transmitted by the first device is received from the server device.

10 6. The network system according to claim 1, wherein the second devices comprising:
 a display device; and
 an image superimposing unit configured to superpose image data, which is transmitted by the first device and transferred by the server device, on image data shown on the display device.

15 7. The network system according to claim 6, wherein the second devices further comprising an environment setting unit configured to determine whether or not the image data transmitted by the first device should be superposed on the image data shown on the display device when the image data transmitted by the first device is transferred by the server device.

8. The network system according to claim 1,
wherein:

the first device comprising a designating unit
configured to designate a data recipient;

5 the human sensors comprising a identifying unit
configured to identify a person; and

the transfer destination selecting unit of the
server device selects one of the second devices which
the positional information associates with a human
10 sensor that senses a data recipient designated by the
designating unit of the first device, as a destination
device to which the data transmitted from the first
device should be sent.

9. The network system according to claim 1,
15 wherein:

the first device is a videophone that performs
communications through the network by use of images;

the human sensors comprising a identifying unit
configured to identify a sensed person;

20 the server device comprising a user information
storage unit which stores user information indicating
a communication device used by the person identifiable
by the human sensors; and

the data transfer unit of the server device
25 transfers image data transmitted from the first
device to the second device selected by the transfer
destination selecting unit of the server device,

transfers voice data transmitted from the first device to a communication device indicated by the user information storage unit as a device using the person identified by the human sensor, and transfers the voice data transmitted from the communication device to the first device.

10. A server device which transfers data from a first device to second devices, comprising:

- a user position determining unit configured to acquire sensing information on human sensors;
- a positional information storage unit which stores positional information representing correspondence between the human sensors and the second devices;
- a transfer destination selecting unit configured to select one of the second devices as a destination device to which the data transmitted from the first device should be sent, based on the sensing information acquired by the user position determining unit and the positional information stored in the positional information storage unit; and

a data transfer unit configured to transfer data from the first device to the one of the second devices selected by the transfer destination selecting unit.

11. The server device according to claim 10, wherein, when a plurality of human sensors sense humans, the transfer destination selecting unit selects all of the second devices which the positional

information associates with the plurality of sensors as destination devices to which the data transmitted from the first device should be sent.

12. The server device according to claim 10,
5 wherein the transfer destination selecting unit selects one of the second devices which the positional information associates with a human sensor that senses a data recipient designates by the first device, as a destination device to which the data transmitted from
10 the first device should be sent.

13. The server device according to claim 10,
further comprising a user information storage unit which stores user information indicating a communication device used by a person identifiable by the human
15 sensors;

wherein the data transfer unit transfers image data transmitted from the first device to the second device selected by the transfer destination selecting unit, transfers voice data transmitted from the first
20 device to a communication device indicated by the user information storage unit as a device using the person identified by the human sensor, and transfers the voice data transmitted from the communication device to the first device.

25 14. A communication method for transferring data from a first device to second devices, comprising:
acquiring sensing information on human sensors;

selecting one of the second devices as a destination device to which the data transmitted from the first device should be sent, based on the sensing information and positional information representing
5 correspondence between the human sensors and the second devices; and

transferring data from the first device to the one of the selected second devices.

15. The communication method according to
10 claim 14, wherein, when a plurality of human sensors sense humans, the selecting one of the second devices selects all of the second devices which the positional information associates with the plurality of human sensors, as destination devices to which the data
15 transmitted from the first device should be sent.

16. The communication method according to claim 14, wherein the selecting one of the second devices selects one of the second devices which the positional information associates with a human sensor
20 that senses a data recipient designated by the first device, as a destination device to which the data transmitted from the first device should be sent.

17. The communication method according to claim 14, wherein the transferring data transfers image
25 data transmitted from the first device to the selected second device, transfers voice data transmitted from the first device to a communication device using

a person identified by the human sensor based on user information indicating a communication device used by a person identifiable by the sensor, and transfers the voice data transmitted from the communication device to
5 the first device.